

United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY.

JOHN R. MOHLER, CHIEF OF BUREAU.

SERVICE AND REGULATORY ANNOUNCEMENTS.

APRIL, 1918.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

CONTENTS.

	Page.		Page.
Changes in directory.....	25	Permitted disinfectant.....	29
Notices regarding meat inspection.....	27	Supplies for testing dipping baths.....	29
Removal of mucous membrane from ileo- cecal valve of beef casings.....	27	Results of prosecutions for violations of laws.....	30
Export meat-inspection certificates.....	27	Correspondence with representatives of for- eign countries.....	30
Concerning amendment 6 to B. A. I. Order 211.....	27	Military inventions.....	30
Animals slaughtered under Federal meat inspection, March, 1918.....	27	Express shipments from Washington.....	31
Imports of food animals and of meat and meat food products.....	28	Old automobile tires.....	31
Inspection and testing of animals for Canada.....	28	Copper branding boxes.....	31
Licenses for veterinary biological products...	29	Publications in April.....	31
		Organization of the Bureau of Animal Indus- try.....	32

CHANGES IN DIRECTORY.

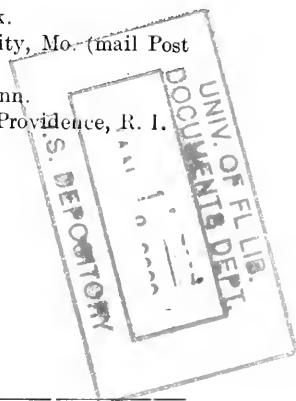
Meat Inspection Inaugurated.

- *618. The Western Laboratories Serum Farm, Stockton, Cal. (mail, Twenty-fourth and Broadway, Oakland, Cal.).
- *779. South Dakota Packing & Shipping Co., Watertown, S. Dak.
- 794. Alpine Ice Co., Twelfth and Charlotte Streets, Kansas City, Mo. (mail Post Office, Box 66, Packers Station, Kansas City, Kans.).
- *840. Reynolds Packing Co., South Fifth Street, Union City, Tenn.
- 172. Superior Margarine Manufacturing Co., 47 Clifford Street, Providence, R. I.

Meat Inspection Withdrawn.

- 849. Chase Packing House, Faribault, Minn.
- 44. E. J. Vaudreuil Packing Co., Eau Claire, Wis.
- 47-A. West Philadelphia Stock Yard Co., Philadelphia, Pa.
- 67. Fairfax Southern Foods (Inc.), New York, N. Y.
- *61. Freund Packing & Manufacturing Co., St. Joseph, Mo.
- 976. Moe Frank, New York, N. Y.
- 575. Thos. Halligan, New York, N. Y.
- 145. Merchants & Planters Oil Co., Houston, Tex.

* Conducts slaughtering.



- 687. L. P. Fuhrman, Buffalo, N. Y.
- 922. Boston Beef Co., Boston, Mass.
- 953. Independent Packing Co., Sioux City, Iowa.
- *679. The Geo. Rupp Packing Co., Hamilton, Ohio.
- 946. St. Joseph Live Stock Serum Co., South St. Joseph, Mo.
- 2-AF. Armour & Co., Dubuque, Iowa.

Meat Inspection Temporarily Suspended.

- 188. Clement E. Allen (Inc.), Media, Pa.
- 663. Reinicker & Alvey, Baltimore, Md.
- 813. A Darlington Strode, West Chester, Pa.
- 129. O. J. Weeks & Co., New York, N. Y.
- 201. Henry Strecker, Philadelphia, Pa.
- 146. Purity Cross (Inc.), West Orange, N. J.
- 167. George Gregory, Philadelphia, Pa.
- 763. Walter Gordon & Co., Somerville, Mass.
- 157. Michael Lux, Woburn, Mass.

Meat Inspection Reinaugurated Following Suspension.

- *1003. Interstate Vaccine Co., 58 Greystone Heights, Kansas City, Kans.
- 987. Joseph R. Rezendes, 433 South Second Street, New Bedford, Mass.

Change in Address of Establishment.

- 659. Eby Bologna Co., Harrison Street and P. & R. Ry. (mail, Post Office Box 305, Lebanon, Pa., instead of 402 South Sixth Street.)
- 182. E. Greenebaum Co., 328-330 East One hundred and third Street, New York, N. Y., instead of 349 East One hundred and third Street.

Change in Name of Establishment.

- *398. Powers-Begg & Co., Center and Johnson Streets, Jacksonville, Ill., instead of Jacksonville Packing Co.
- *390. A. Aron (Inc.), 335 Johnson Avenue, Brooklyn, N. Y., instead of A. Aron.

Stations Added.

- Stockton, Cal., meat inspection, substation of San Francisco, Cal.
- Columbus, Ohio, hog cholera control work, Dr. C. H. York, care State Veterinarian.
- Jackson, Miss., hog cholera control work, Dr. H. L. Fry, care Agricultural College.
- Watertown, S. Dak., meat inspection, Dr. R. G. Rice, care South Dakota Packing & Shipping Co.
- New Bedford, Mass., meat inspection, substation of Providence, R. I.
- Union City, Tenn., meat inspection, Dr. F. J. Verduin, care Reynolds Packing Co.

Stations Discontinued.

- West Chester, Pa., substation of Philadelphia, Pa.
- St. Joseph, Mo., substation of South St. Joseph, Mo.
- West Orange, N. J., substation of Newark, N. J.
- Woburn, Mass., substation of Boston, Mass.
- Hamilton, Ohio, substation of Cincinnati, Ohio.

Change of Officials in Charge.

- Dr. Wm. S. Newman, 606-607 Central National Bank Building, San Angelo, Tex., instead of Dr. I. B. Paxton.

Dr. Harry W. McMaster, care Fesenmeier Packing Co., Huntington, W. Va., instead of Dr. E. B. Jansman.

Change of Address of Official in Charge.

Dr. Ralph Graham, Post Office Box 59, Jefferson City, Mo., instead of Sedalia, Mo.

Dr. F. W. Logan, care Veterinary Science Laboratory, University of California, Berkeley, Cal., instead of care College of Agriculture, Urbana, Ill.

NOTICES REGARDING MEAT INSPECTION.

REMOVAL OF MUCOUS MEMBRANE FROM ILEOCECAL VALVE OF BEEF CASINGS.

The usual procedure of preparing beef casings appears to omit the removal of the mucous membrane from the ileocecal valve and the portion of the intestinal wall in its immediate vicinity. Before such portion of the casing are used as sausage containers inspectors will require that the mucous membrane be removed or the casing be so divided and tied that none of the surface covered with mucous membrane is included in the portion actually used as a container.

EXPORT MEAT-INSPECTION CERTIFICATES.

In instances where export meat-inspection certificates are issued to take the place of certificates which have been lost, the certificate should be given the same date as the original certificate and in addition should bear the following notation in the upper left-hand corner: "Issued in lieu of certificate No. —."

CONCERNING AMENDMENT 6 TO B. A. I. ORDER 211.

The purpose of amending regulation 18, section 3, paragraph 2, and regulation 25, section 4, paragraph 3, is to authorize the interstate or foreign shipment of any meat or product from any establishment so long as the same is sound, wholesome, and fit for human food, bears the inspection legend, and has not been changed in character by an establishment not operating under inspection. For instance, under the previous regulations fresh meats which had been United States inspected and passed, and so marked, could not be shipped in interstate or foreign commerce from unofficial establishments where hams were processed by smoking, boiling, or the like, but were eligible for interstate or foreign shipment from establishments which did no processing. The previous regulations required inspection at certain branch houses, which under this amendment will be discontinued without detriment to the service, and the inspectors detailed to such establishments may be utilized to better advantage at other official establishments where they are urgently needed.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION,
MARCH, 1918.

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago.....	219,725	66,395	204,804	10	779,793
Fort Worth.....	32,559	17,101	8,267	517	87,600
Kansas City.....	105,829	11,553	72,272	1,290	310,368
National Stock Yards.....	40,528	9,107	13,769	9	153,805
Omaha.....	81,814	6,005	142,064	215	227,787
St. Louis.....	14,444	1,564	3,861	4	119,983
Sioux City.....	28,869	2,375	10,975	139,404
South St. Joseph.....	34,767	2,796	66,802	82	175,617
All other establishments.....	269,681	178,960	212,781	637	1,931,629
Total: March, 1918.....	828,216	259,856	735,595	2,764	3,925,986
March, 1917.....	647,251	211,501	861,331	9,566	2,984,959
9 months ending March, 1918.....	8,411,882	2,302,168	6,759,323	112,529	26,283,242
9 months ending March, 1917.....	6,985,913	1,772,456	9,223,590	135,396	31,797,408

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during March, 1918, with figures for other periods for comparison.

Imports of meats and meat food products.

Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weight.
	Beef.	Other.			
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Argentina.....			2, 159, 952	251, 438	2, 410, 450
Australia.....			46, 080		46, 080
Brazil.....			144, 000		144, 000
Canada.....	64, 091	61, 453	121, 540	100	247, 184
Uruguay.....			1, 818, 100		1, 818, 600
Other countries.....	84, 587		11, 721	54, 988	151, 296
Total: March, 1918.....	148, 678	61, 453	4, 301, 893	305, 586	4, 817, 610
March, 1917.....	122, 041	109, 913	348, 787	95, 314	676, 055
9 months ending March, 1918.....	16, 818, 863	4, 409, 394	12, 415, 939	10, 395, 221	43, 039, 417
9 months ending March, 1917.....	14, 401, 781	2, 066, 723	1, 612, 042	860, 453	18, 940, 999

Condemned in March, 1918: Beef, 170,448 pounds; pork, 129 pounds; total, 170,577 pounds. Refused entry: Beef, 108 pounds; pork, 22,800 pounds; total, 22,908 pounds.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	12, 847		16, 836	10, 989
Canada.....	1, 721	68	433	2
Great Britain.....			116	
Total: March, 1918.....	14, 568	68	17, 385	10, 991
March, 1917.....	26, 732	310	1, 979	1, 015
9 months ending March, 1918.....	219, 535	13, 577	144, 805	21, 384
9 months ending March, 1917.....	284, 580	2, 550	147, 173	19, 541

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Change of Address.

Dr. E. R. Benson, Superior, to Cornell, Wis.

Names Added to List.

Dr. B. J. Baker, Mitchell, Nebr.
 Dr. Charles H. Hart, Hankinson, N. Dak.
 Dr. H. E. Kingman, Fort Collins, Colo.
 Dr. C. O. Kroener, Chicago, Ill.
 Dr. Jerome F. Palmer, Milwaukee, Wis.
 Dr. R. C. Timmons, Havre, Mont.

Names Removed from List.

Dr. Z. C. Boyd, Chinook, Mont.
 Dr. Fred P. Calkins, Ellensburg, Wash.
 Dr. Paul Fischer, Columbus, Ohio.
 Dr. George H. Glover, Fort Collins, Colo.

Dr. W. J. Guilfoil, Kansas City, Kans.
 Dr. D. M. McDonald, Minneapolis, Minn.
 Dr. L. E. McDonnell, Audubon, Minn.
 Dr. G. A. Mills, Wausau, Wis.
 Dr. Robert Prior, North Yakima, Wash.
 Dr. Burton R. Rogers, St. Joseph, Mo.
 Dr. E. S. Schoenleber, Manhattan, Kans.
 Dr. O. C. Selby, Pierre, S. Dak.
 Dr. T. V. Treacy, Drayton, N. Dak.
 Dr. J. R. Ward, Missoula, Mont.
 Dr. Joseph A. Welsh, San Francisco, Cal.
 Dr. R. F. Wright, Wessington Springs, S. Dak.

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS.

The following changes have been made in the list of licenses for the manufacture of veterinary biological products for the year 1918 under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 196):

Licenses Issued.

License No.	Date.	Name and address of firm.	Products.
3	1918. Apr. 24	H. K. Mulford Co., Glen Olden, Pa.	Antianthrax serum; antbovine abortus serum; anticanine distemper serum; antiequine abortus serum; antihemorrhagic septicemia serum; anti-influenza serum, equine; antipyogenes-bacillus serum; antistreptococcic serum; anti-white-scours serum; normal serum.
9	Apr. 17	Lederle Antitoxin Laboratories, Pearl River, N. Y.	Hemorrhagic septicemia vaccine for cattle; hemorrhagic septicemia vaccine for hogs; hemorrhagic septicemia vaccine for sheep.
107	Apr. 25	The Jensen-Salsbery Laboratories, 1320 Main Street, Kansas City, Mo.	Anthrax spore vaccine; equine abortion bacterin; mixed bacterin (canine and feline); tuberculin.

License Canceled.

License No. 71, Big O Serum Co., corner Central and Water Streets, Kansas City, Kans., issued December 10, 1917, was canceled April 4, 1918.

PERMITTED DISINFECTANT.

In accordance with the provisions of B. A. I. Order 245, the bureau has granted permission for the use of "Barrett's Cresol Compound" as a substitute for compound solution of cresol, U. S. P., in the general disinfection of cars, yards, and other premises.

SUPPLIES FOR TESTING DIPPING BATHS.

Complaints have been received from the field that supplies for testing dipping baths sometimes reach destination in poor condition owing to breakage of bottles of test fluid. These supplies are packed at Washington with all proper precautions and if breakage occurs it is due to mishandling in transit. Consignees of these supplies should refuse to receive or to receipt for damaged packages. The bureau now has a reserve supply of the supplies packed ready for shipment and expects to be able to maintain a reserve throughout the season; consequently duplicates of damaged packages can be sent on short notice.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Quarantine Laws.

Louisiana & Arkansas Railway Co., interstate movement of live stock in violation of Texas-fever regulations, \$100.

Louisville & Nashville Railroad Co. (2 cases), interstate movement of live stock in violation of Texas-fever regulations, \$200 fine and costs.

Southern Railway Co., interstate movement of live stock in violation of Texas-fever regulations, \$100 fine and \$24.79 costs.

Atchison, Topeka & Santa Fe Railway Co., interstate movement of live stock in violation of Texas-fever regulations, \$200 fine and \$20.96 costs.

Kansas City, Clinton & Springfield Railway Co., interstate movement of dead animals, \$100 fine and \$18.25 costs.

Twenty-Eight-Hour Law.

Yazoo & Mississippi Valley Railroad Co. (5 cases), \$500 fines and \$98.40 costs.

Baltimore & Ohio Railroad Co. (16 cases), \$2,125 fines and \$30.90 costs.

Northern Pacific Railway Co., \$100 fine and \$19.75 costs.

New York Central Railroad Co., \$100 fine.

Union Pacific Railroad Co., \$100 fine and \$19.60 costs.

Norfolk & Western Railway Co., \$100 fine and \$27.35 costs.

Louisville & Nashville Co., \$100 fine and \$13.65 costs.

Southern Pacific Railway Co. (13 cases), \$1,300 fines.

Pennsylvania Railroad Co. (2 cases), \$200 fines and \$16.50 costs.

Receiver Chicago, Rock Island & Pacific Railway Co., \$100 fine and \$18.10 costs.

Atchison, Topeka & Santa Fe Railway Co., \$100 fine and \$21.46 costs.

Missouri Pacific Railway Co., \$100 fine and \$10.10 costs.

Virus-Serum-Toxin Act.

The Middle Massachusetts Chemical Co., Palmer, Mass., interstate shipment of a biological product from an establishment not covered by United States veterinary license, \$50.

CORRESPONDENCE WITH REPRESENTATIVES OF FOREIGN COUNTRIES

Attention is directed to the notice in Service and Regulatory Announcements for December, 1915, page 136, relative to correspondence with representatives of foreign countries. The Department of State has again brought this matter to our attention with the further request that, in addition to the procedure outlined in the notice mentioned, in cases where members of foreign missions confer informally with officers or employees on matters involving the political or politico-commercial relations of the United States the Department of State be informed of such conferences. Therefore it is desired that reports of such conferences be made promptly to the Washington office in order that the Department of State may be duly advised.

MILITARY INVENTIONS.

An agency has been created within the General Staff of the Army for the primary consideration of all inventions and suggested ideas of inventions, whether patented or not, of a military nature pertaining to the Army and which the inventor desires

to submit to the Government for inspection, test, development, or with a view to its purchase or use. Applications should be made directly to the Invention Section, General Staff, Army War College, Washington, D. C.

EXPRESS SHIPMENTS FROM WASHINGTON.

It has come to the attention of the bureau that frequently in the case of packages shipped by express from Washington to employees in the field the express agents insist upon collecting charges. All express and freight shipments from Washington to employees in the field are prepaid. Whenever an employee receives a package from Washington on which he is required by the express or freight agent to pay charges it is suggested, in order that the work upon which the employee is engaged may not be delayed, that he pay the charges, taking the agent's receipt therefor, and submit the matter to the Washington office by letter through his inspector in charge. Such expense should not be included in travel accounts, as the bureau will endeavor to see that the employee is reimbursed directly by the express or freight company.

OLD AUTOMOBILE TIRES.

Inspectors in charge at stations where bureau-owned automobiles are used are instructed not to discard or exchange old tires and tubes. When these articles become unserviceable the Washington office should be advised so that proper steps may be taken to sell or otherwise dispose of them.

COPPER BRANDING BOXES.

The copper branding boxes furnished in connection with the marking of meats should be used as carefully as is consistent with working conditions. In no instance should worn or damaged boxes be thrown away. Whenever possible they should be repaired and the cost paid under letter of authorization. Inspectors in charge are instructed to save worn-out boxes until a considerable number accumulate and then ask the Washington office for instructions as to their disposal.

PUBLICATIONS IN APRIL.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Department Bulletin 661. The Manufacture of Casein from Buttermilk or Skim Milk. By Arnold O. Dahlberg, Dairy Division. Pp. 32, figs. 9.

Farmers' Bulletin 206 (revised). Milk Fever: Its Simple and Successful Treatment. By John R. Mohler, Chief of the Bureau of Animal Industry. Pp. 12, fig. 1.

Farmers' Bulletin 926. Some Common Disinfectants. By M. Dorset, Chief of the Biochemic Division. Pp. 12.

Office of the Secretary. Circular 109. Cottage Cheese Dishes. Pp. 19, figs. 7.

Yearbook Separate 743. Butterfat and Income. By J. C. McDowell, Dairy Division. Pp. 8, fig. 1.

Yearbook Separate 744. How the Dairy Cow Brought Prosperity in the Wake of the Boll Weevil. By L. A. Higgins, Dairy Division. Plates 2, figs. 4.



Basal Katabolism of Cattle and Other Species. By Henry Prentiss Armsby, J. August Fries, and Winfred Waite Braman, Pennsylvania State College, in cooperation with the Bureau of Animal Industry. In *Journal of Agricultural Research*, Vol. XIII, No. 1, pp. 43-57. April 1, 1918.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

Chief: JOHN R. MOHLER.

Assistant Chief: ———.

Chief Clerk: CHARLES C. CARROLL.

Editor: JAMES M. PICKENS.

Animal Husbandry Division: GEORGE M. ROMMEL, chief.

Biochemic Division: M. DORSET, chief.

Dairy Division: B. H. RAWL, chief.

Field Inspection Division: A. W. MILLER, chief.

Meat Inspection Division: R. P. STEDDOM, chief.

Miscellaneous Division: A. M. FARRINGTON, chief.

Pathological Division: JOHN S. BUCKLEY, acting chief.

Quarantine Division: RICHARD W. HICKMAN, chief.

Tick Eradication Division: R. A. RAMSAY, chief.

Tuberculosis Eradication Division: J. A. KIERNAN, chief.

Zoological Division: B. H. RANSOM, chief.

Experiment Station: E. C. SCHROEDER, superintendent.

Office of Hog-Cholera Control: O. B. HESS in charge.

Office of Virus-Serum Control: H. J. SHORE in charge.

Office of Accounts: E. J. NEWMYER in charge.

Appointment Section: GEORGE H. RUSSELL in charge.

ADDITIONAL COPIES

OF THIS PUBLICATION MAY BE PROCURED FROM
THE SUPERINTENDENT OF DOCUMENTS
GOVERNMENT PRINTING OFFICE
WASHINGTON, D. C.

AT

5 CENTS PER COPY
SUBSCRIPTION PRICE, 50 CENTS PER YEAR